

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-22. (Canceled)

23. (Currently amended) A mouse device for a computer incorporating a multimedia device, comprising:

a housing having a bottom wall for resting on and moving across a substantially flat surface during use, the housing having an upper wall extending upwardly from a perimeter of the bottom wall that defines an interior of the housing above the bottom wall;

a mouse button disposed on the upper wall of the housing and configured to control an operation of the computer;

a cursor control device disposed on the bottom wall of the housing and configured to detect movement of the bottom wall of the housing across the substantially flat surface such that the movement of the housing across the surface actuates the cursor control device;

a multimedia audio control device disposed on the upper wall of the housing, the multimedia audio control device being configured to control only audio of the multimedia device of the computer; and

a connection that transmits signals generated by the mouse button, the cursor control device and the multimedia audio control device to the computer;

wherein the multimedia audio control device directly controls the audio of the multimedia device of the computer in a single step and without the use of a menu or other graphic display, the multimedia audio control device interfacing with a multimedia control driver resident inside the computer.

24-25. (Canceled)

26. (Previously presented) The mouse device of claim 23 wherein the signals generated by the mouse button, the cursor control device and the multimedia audio control device are packetized prior to transmission over the connection.

27. (Previously presented) The mouse device of claim 23 wherein the connection is compatible with a serial port on the computer.

28. (Previously presented) The mouse device of claim 23 wherein the multimedia audio control device comprises a volume control slider or wheel for providing direct volume control of the multimedia device.

29. (Currently amended) The mouse device of claim 23 further comprising:
multiple actuators disposed on the upper wall of the housing for directly controlling ~~functions~~ a function of a CD-ROM drive resident inside the computer, wherein ~~one or more such functions~~ are the function being selected from the a group consisting of play, stop, next-track, previous-track, fast-forward, and fast-backward.

30. (Currently amended) The mouse device of claim 23 further comprising:
multiple actuators disposed on the upper wall of the housing for directly controlling ~~functions~~ a function of a tuner resident inside the computer, wherein ~~one or more such functions~~ are the function being selected from the a group consisting of next station or channel, previous station or channel, scan up the frequencies, scan down the frequencies, and preset stations.

31. (Currently amended) The mouse device of claim 23 wherein the multimedia audio control device directly controls ~~functions~~ a function of a speaker, wherein ~~one or more such functions~~ are the function being selected from the group consisting of volume, treble and base.

32. (Previously presented) The mouse device of claim 23, wherein the cursor control device comprises a mouse ball extendable through the bottom wall of the housing.

33. (Canceled)

34. (Currently amended) A system comprising:

- a computer having a processor, and a memory and a multimedia device operatively coupled to the computer;

- a pointing device having:

- a housing having a bottom wall for resting on and moving across a substantially flat surface during use, the housing having an upper wall extending upwardly from a perimeter of the bottom wall that defines an interior of the housing above the bottom wall;

- a cursor control device disposed on the bottom wall of the housing and configured to detect movement of the bottom wall of the housing across the substantially flat surface such that the movement across the surface actuates the cursor control device and an audio control device for controlling only audio of the multimedia device such that actuation of the audio control device causes the computer to directly control the audio of the multimedia device inside the computer in a single step without a menu or other graphic display, the audio control device being disposed on the upper wall of the housing and interfacing with a multimedia control driver resident inside the computer; and

- a connection that operatively couples the pointing device to a corresponding port of the computer through which all communication between the pointing device and the computer occurs.

35-36. (Canceled)

37. (Currently amended) The system of claim 34 wherein the signals generated by the cursor control device and the audio control device are packetized prior to communication over the connection.

38. (Previously presented) The system of claim 34 wherein the port is a serial port on the computer.

39. (Previously presented) The system of claim 34 wherein the multimedia device is integrated with the computer.

40. (Currently amended) The system of claim 34, wherein the multimedia device is selected from the group of multimedia devices comprising an amplifier operatively coupled to at least one device selected from a group consisting of a speaker, a radio tuner, a television tuner, and an optical disc player capable of playing audio compact discs.

41. (Currently amended) A system comprising:

- a computer having at least a processor, a memory, ~~and~~ at least one multimedia device operatively integrated with the computer, and at least one multimedia control driver for controlling the at least one multimedia device;

- a housing having a bottom wall for resting on and moving across a substantially flat surface during use the housing having an upper wall extending upwardly from a perimeter of the bottom wall that defines an interior of the housing above the bottom wall;

- a mouse button disposed on the upper wall of the housing and configured to control an operation on the computer;

- a cursor control device disposed on the bottom wall of the housing and configured to detect movement of the bottom wall of the housing across the substantially flat surface such that the movement of the housing across the surface actuates the cursor control device;

- a multimedia audio control device disposed on the upper wall of the housing, the multimedia audio control device being configured to communicate with the at least one multimedia control driver and to control only audio of the at least one multimedia device of the computer; and

a connection that transmits signals generated by the mouse button, the cursor control device and the multimedia audio control device to the computer;

wherein the multimedia audio control device provides direct control of the audio of the at least one multimedia device of the computer in a single step without a menu or other graphic display.

42. (Previously presented) The system of claim 41 wherein the signals generated by the mouse button, the cursor control device and the multimedia audio control device are packetized prior to transmission over the connection, and wherein the connection comprises a radio frequency transceiver.

43. (Currently amended) The system of claim 41 wherein said at least one multimedia device comprises a plurality of multimedia devices and said multimedia audio control device comprises a plurality of multimedia audio control devices located on different parts of the upper wall of said housing, at least two of said multimedia audio control devices control different multimedia devices of said plurality of multimedia devices, and said plurality of multimedia devices comprising at least two ~~of an amplifier operatively coupled to at least one~~ devices selected from a group consisting of a speaker, a radio tuner, a television tuner and an optical disc player capable of playing audio compact discs.

44. (Previously presented) The system of claim 41 wherein the multimedia audio control device comprises a volume control slider or wheel on the upper wall of the housing for providing direct volume control of the multimedia device.

45. (Canceled)

46. (Currently amended) The system of claim 34 wherein the ~~multimedia~~ audio control device comprises a volume control slider or wheel on the upper wall of the housing for providing direct volume control of the multimedia device.

47. (Previously presented) The mouse device of claim 23 wherein the upper wall of the housing comprises a top wall portion and a perimeter wall portion extending between the top wall portion of the upper wall and the bottom wall, the mouse button being disposed on the top wall portion of the upper wall and the multimedia audio control device being disposed on the perimeter wall portion of the upper wall.

48. (Previously presented) The system of claim 34 wherein the upper wall of the housing comprises a top wall portion and a perimeter wall portion extending between the top wall portion of the upper wall and the bottom wall, a mouse button being disposed on the top wall portion of the upper wall and a control being disposed on the top wall portion of the upper wall.

49. (Currently amended) The ~~mouse device~~ system of claim 48 wherein the ~~at least one multimedia~~ audio control device comprises multiple actuators, and at least one actuator is disposed on the top wall portion of the upper wall and at least one actuator is disposed on the perimeter wall portion of the upper wall.

50. (Previously presented) The mouse device of claim 23, wherein said connection is a first connection and said signals are first signals, said computer being configured to transmit second signals via a second connection to the multimedia device.

51. (Previously presented) The mouse device of claim 23, wherein said computer comprises a screen configured to display a cursor controlled by said cursor control device.

52. (Previously presented) The system of claim 34, wherein said connection is a first connection, said computer being configured to transmit signals via a second connection to the multimedia device.

53. (Previously presented) The system of claim 34, wherein said computer comprises a screen configured to display a cursor controlled by said cursor control device.

54. (Previously presented) The system of claim 41, wherein said connection is a first connection and said signals are first signals, said computer being configured to transmit second signals via a second connection to the multimedia device.

55. (Previously presented) The system of claim 41, further comprising:
a computer screen configured to display a cursor controlled by said cursor control device.

56. (Previously presented) The mouse device of claim 23, wherein the multimedia audio control device is configured to control volume of the multimedia device, and
wherein the multimedia device includes a volume control button configured to control the volume independent of said multimedia audio control device.

57. (Previously presented) The system of claim 34, wherein the audio control is configured to control volume of the multimedia device, and
wherein the multimedia device includes a volume control button configured to control the volume independent of said audio control.

58. (Previously presented) The system of claim 41, wherein the multimedia audio control device is configured to control volume of the at least one multimedia device, and
wherein the at least one multimedia device includes a volume control button configured to control the volume independent of said multimedia audio control device.

59. (Previously presented) The mouse device of claim 23, wherein the multimedia device is selected from the group of multimedia devices comprising an amplifier operatively coupled to at least one speaker, a radio tuner, a television tuner, and an optical disc player capable of playing audio compact discs.

60. (Previously presented) The mouse device of claim 23, wherein the multimedia device is configured to receive audio control signals from said computer.

61. (Previously presented) The system of claim 34, wherein the multimedia device is configured to receive audio control signals from said computer.

62. (Previously presented) The system of claim 41, wherein the at least one multimedia device is configured to receive audio control signals from said computer.